

What is claimed is:

1. A hole plug for blocking a hole, comprising:

a head portion having a back surface,

a foot portion extending from the back surface of the head

5 portion to be inserted into the hole, said foot portion including a plurality of plate members extending from the back surface of the head portion and arranged circularly with a space between two of the plate members, each of said plate members having an engaging step portion at a base close to the head portion for
10 engaging the hole, and

a plurality of supporting means, each supporting means being disposed inside each of the plate member for suppressing the plate member from bending inwardly.

15 2. A hole plug according to claim 1, wherein said plate members are arranged circularly so that the foot portion has a cylindrical shape.

20 3. A hole plug according to claim 1, wherein each of said supporting means is formed at a position closer to the base than a top portion thereof.

25 4. A hole plug according to claim 1, wherein each of said supporting means is integrated with the back surface of the head portion.

30 5. A hole plug according to claim 1, further comprising a column projecting from the back surface of the head portion inside the plate members, said column being connected to each of the plate members through each of the supporting means.

6. A hole plug according to claim 1, wherein each of said supporting means is formed in a wavy plate shape in a radial direction and extending from the back surface of the head
5 portion.

7. A hole plug according to claim 1, further comprising a plurality of guide means disposed between two of the plate members and extending from the back surface of the head portion,
10 each of said guide means having a length longer than that of each of the plate members.

8. A hole plug for blocking a hole, comprising:
15 a head portion having a back surface,
 a foot portion extending from the back surface of the head portion to be inserted into the hole, said foot portion including a plurality of plate members extending from the back surface of the head portion and arranged circularly with a space between two of the plate members, each of said plate members having an
20 engaging step portion at a base close to the head portion for engaging the hole, and
 a plurality of guide means disposed between two of the plate members and extending from the back surface of the head portion, each of said guide means having a length longer than that of each
25 of the plate members.

9. A hole plug according to claim 8, wherein said plate members are arranged circularly so that the foot portion has a cylindrical shape.

10. A hole plug according to claim 8, further comprising a column projecting from the back surface of the head portion inside the plate members, said column being integrally connected to the guide means, and a plurality of supporting means disposed between
5 the column and each of the plate members for connecting the column and the plate member to prevent the plate member from bending inwardly.
11. A hole plug according to claim 10, wherein said supporting
10 means is formed in a wavy plate shape in a radial direction and extending from the back surface of the head portion.
12. A hole plug according to claim 1, wherein said head portion has a plate shape and an outer periphery inclined toward the foot
15 portion.